SWITCH - DISCONNECTORS O-I

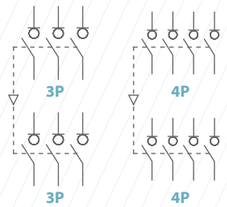
series S5M DC

S5000M DC
Switch - disconnector for DC current 3P+3P 4P+4P

Size 1

A 200|315

1500 Vdc



3P+3P CODE-200A S5M031533R0

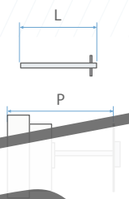
4P+4P CODE-315A S5M031544R0

Accessories

» Direct handle
CODE DS-LI12

» External handle included shaft *(e1)
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA12

» External handle without shaft
IP65|UL50E/NEMA 250
Types: 1, 3R, 4, 4X y 12
CODE DS-LA15



» Shafts

Standard shaft included *(e1)

L (mm)	P (mm)
227	288... 422

» Auxiliary contacts
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12

Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

» Terminal shrouds (2 units)

	E	C
TOP	DS-CU180U	DS-CU100U
BOTTOM	DS-CU100U	DS-CU180U

The shrouds can only be fitted in the front switch.

» Bridging links (2 units)

	E	C
3P	DS-PU120U	DS-PU180U
4P	DS-PU180U	DS-PU120U

Technical information

CE EAC

tests: AIT AUSTRIAN INSTITUTE OF TECHNOLOGY TOMORROW TODAY

According to IEC-EN 60947-1
IEC-EN 60947-3

				3+3	4+4
Rated thermal current in ambient at	Ith	40º C	A	200	315
		50º C	A		
Rated insulation voltage DC20		Ui	V	1500	
Rated dielectric strength		50 Hz, 1 min	V	5000	
Rated impulse withstand voltage		Uimp	kV	8	
Rated operational current		DC21B 1500 Vdc	A	200	315
Rated making capacity		DC21B 1500 Vdc	A	1000	1500

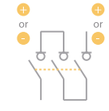
*(1) With a limiting protective device (short-circuit maintained 50 ... 100 ms)
*(2) With a limiting protective device which set a limit to the value short-circuit making capacity and maximum power dissipation to indicated values

			3+3	4+4
Short-circuit behaviour				
Maximum cut - off current	Icm	kA (peak)	31	
Short - time withstand current (1 Sec.)	Icw	kA	10	
Conditional short - circuit current (max. value) *(2)		kA (rms)	50	
Maximum cut - off current (peak value)		kA (peak)	31	
Maximum power dissipation		W	100	
Mechanical operations		Cycles	1000	
Minimum number of electrical operations	1500 Vdc	Cycles	200	
Maximum weight 3+3		Kg	5,5	
Maximum weight 4+4		Kg	5,8	

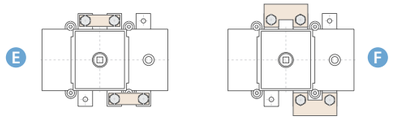
Connection diagram

3P+3P

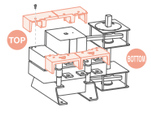
Connection diagram



Bridging links
Front switch / Rear switch



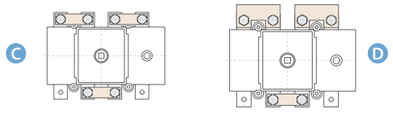
Terminal shrouds
(On front switch only)



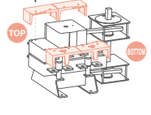
4P+4P

Connection diagram

Bridging links
Front switch / Rear switch

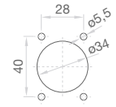


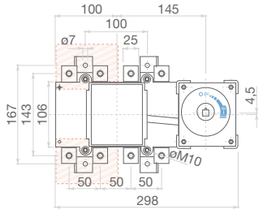
Terminal shrouds
(On front switch only)

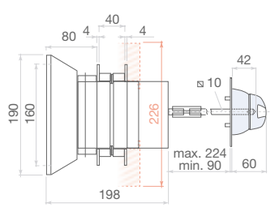


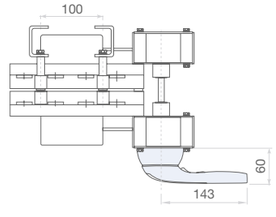
Dimensions (mm)

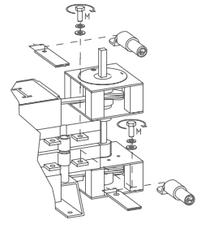
Door drilling for external handle

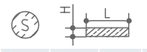












S max (Cu)	H max (Cu)	L max (Cu)		M
mm²	mm	mm		Nxm
185	7	25	M10	18

DISCONTINUED PRODUCT